SHARP SERVICE MANUAL

CODE: 00ZARPX3//A1E

PRINTER I/F KIT

AR-PE2
AR-PX3
MODEL AR-PX4

CONTENTS

[1] OUTLINE 1

[2] SETUP 1

PARTS GUIDE

Parts marked with "⚠" are important for maintaining the safety of the set. Be sure to replace these parts with specified ones for maintaining the safety and performance of the set.

SHARP CORPORATION

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AR-PE2/PX3/PX4 Installation Manual

FOR USE WITH COMPATIBLE SHARP COPIERS.
SEE SHARP COPIER INSTALLATION MANUAL TO DETERMINE SUITABILITY.

[1] OUTLINE

This unit is used to connect the printer controller with the scanner and the printer section in the AR-C160.

1. Unit composition

This unit is composed of the following major parts:

AR-PE2

- Controller
- I/F card
- Connection cable

AR-PX3/PX4

- Power supply unit

2. Outline of operations

(Printer mode)

Each color image data of 8bit of Y/M/C/K outputted from the print controller.

(Scanner mode)

Each color image data of R/G/B scanned by the scanner is inputted to the printer I/F card.

(Circuit system)

High-speed data transmission/reception is performed between the engine and the print controller.

[2] SETUP

Necessary tools: Screwdriver

1. Unpacking

(Parts list)

AR-PE2

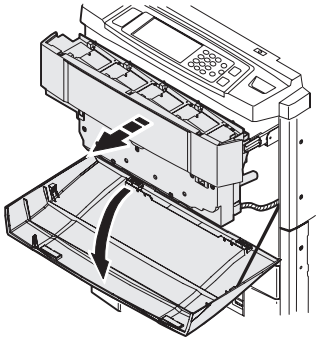
No.	Part name	Quantity
1	Controller	1
2	I/F card	1
3	Flat cable	1
4	Wake up harness	1

AR-PX3/PX4

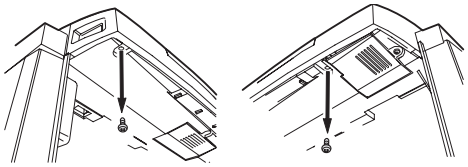
No.	Part name	Quantity
1	Power supply unit	1
2	Screw (M4)	8
3	Caution label (Only EU)	1

2. Parts assembly

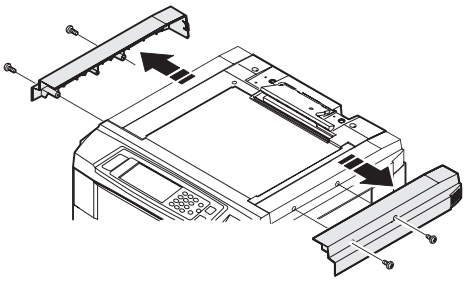
1) Remove the operation unit.



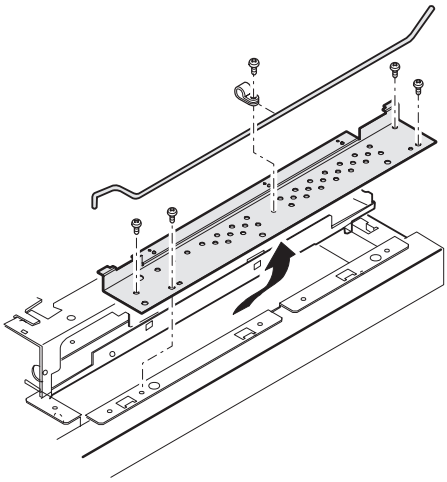
Left side Right side



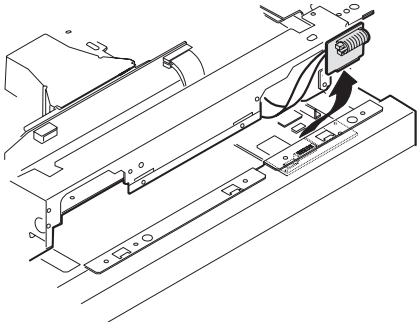
2) Remove the left and right upper cabinet.



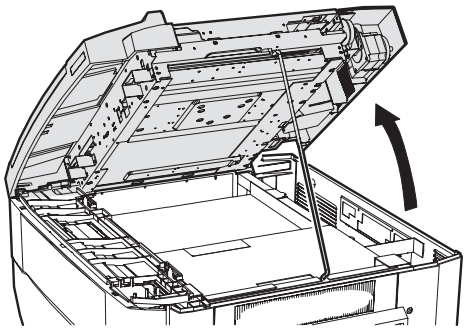
3) Remove the ICU PWB shield plate.



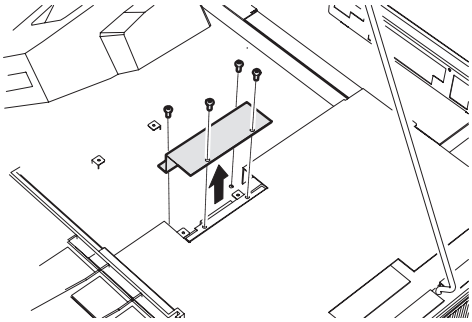
4) Remove the CCD flat cable connector.



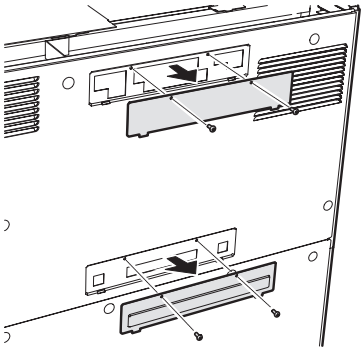
5) Open the scanner (reading) unit and fix it with the hold shaft.



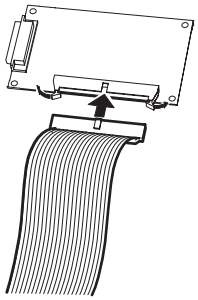
6) Remove the interface cabinet.



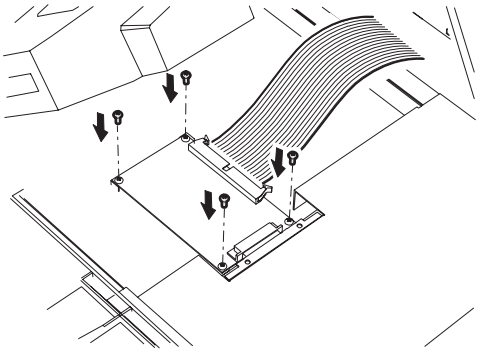
7) Remove the cover plate on rear cabinet.
Removed screw is used for attach the printer I/F card.

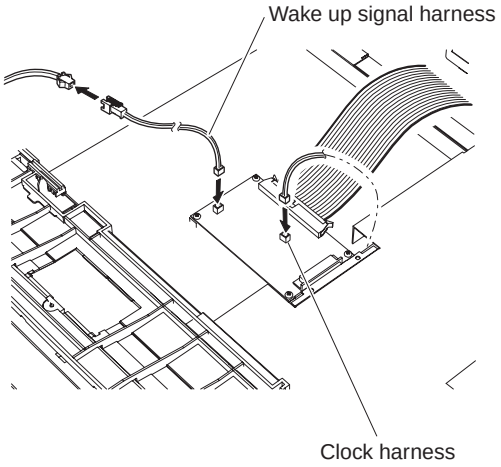


8) Connect engine side I/F cable.

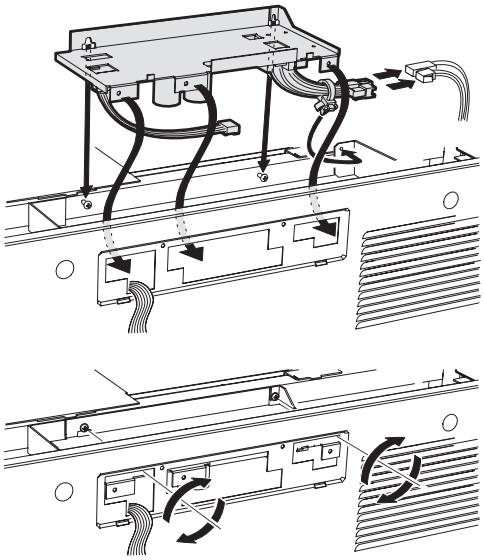


9) Attach the printer I/F card with the accessory screw, and connect the wake up signal harness and clock harness.

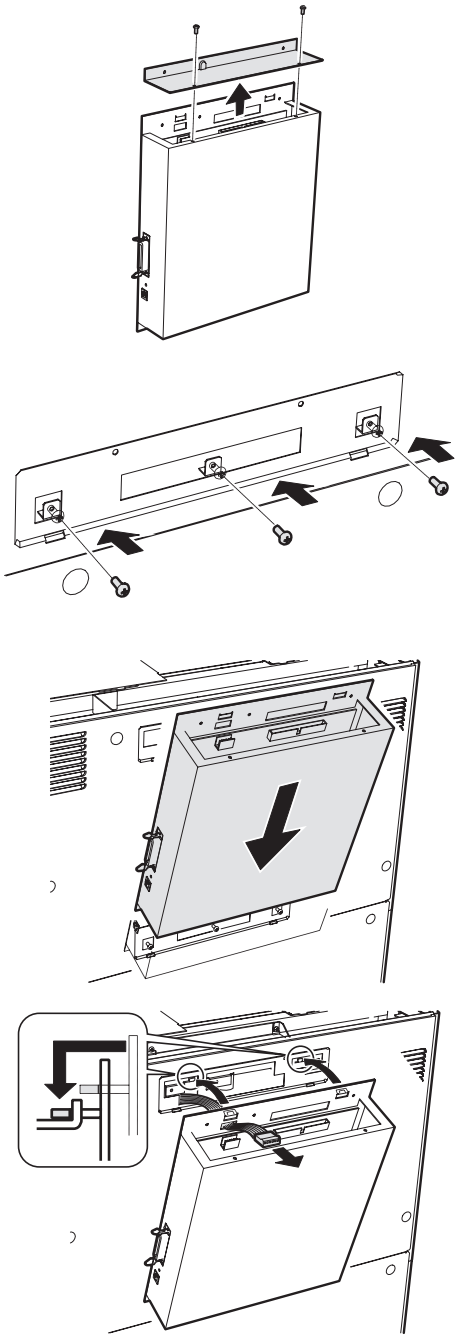




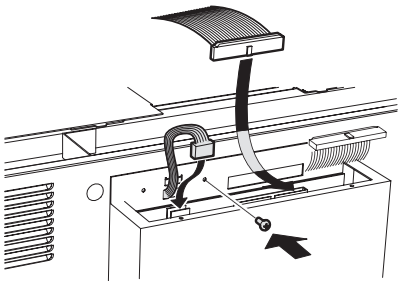
10) Attach the printer power supply unit, and connect printer PS cable.



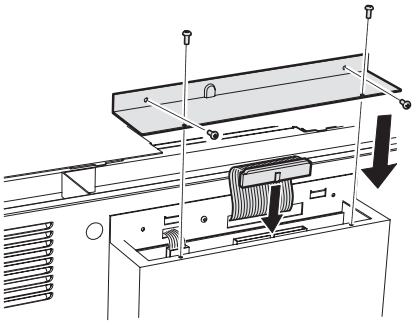
11) Remove the top cover of the printer controller and attach the printer controller.



12) Connect controller side I/F cable and DC cable.

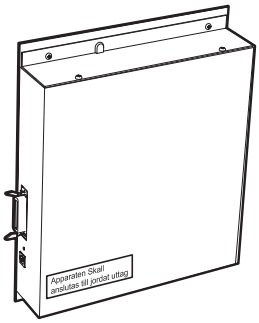


13) Attach the top cover of the printer controller.



14) Install all the parts that were removed to their original positions.

15) Attach the caution label to the cabinet. (Only EU version)



3. Setting

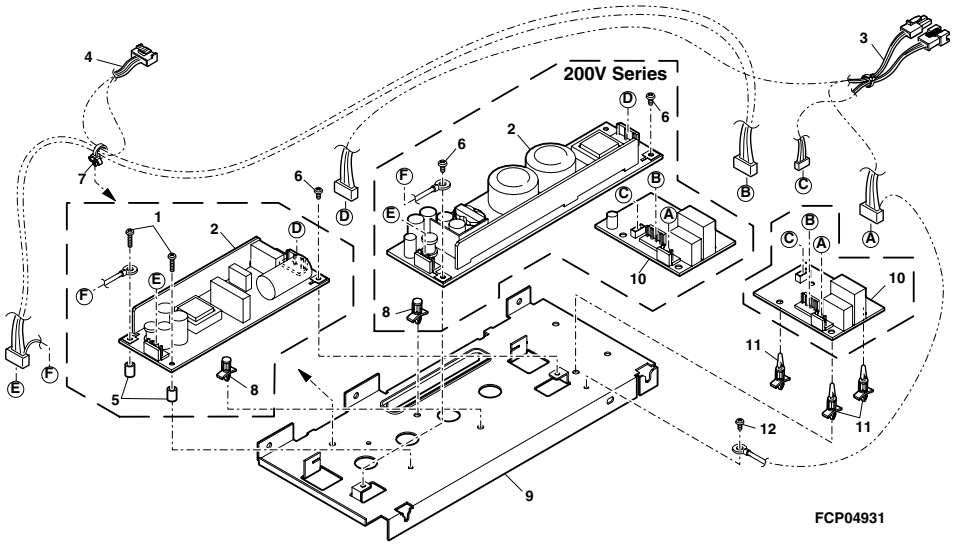
1) Turn on the power of the unit.
2) Enter the simulation 26-1 mode.
3) Press "PRN: AR-PE2" button. (Communication between the unit and the printer controller is allowed.)
4) Cancel the simulation mode.

PARTS GUIDE

1 電源ﾕﾆｯﾄ(Power supply unit)

NO.	PARTS CODE	JAPAN ONLY ORDER CODE	PRICE RANK Ex.	PRICE RANK Ja.	NEW MARK	PART RANK	DESCRIPTION
1	XBPSD30P16000	541 970 1103	AA	DD		C	Screw (3×16) ﾋﾞｽ
⚠ 2	RDENC0009FCZZ	578 685 0519	BL	HL	N	E	Power supply PWB (100V Series) 電源基板
⚠	RDENC0010FCZZ	578 685 0520	BS	MJ	N	E	Power supply PWB (200V Series) 電源基板
3	DHAi-3325FC11	572 542 2055	AN	EG	N	C	PRT power supply harness PRT電源ﾊｰﾈｽ
4	DHAi-3321FC11	572 542 2054	AM	EG	N	C	DC harness DCﾊｰﾈｽ
5	PSPAZ0382FCZZ	572 413 0295	AA	DD		C	Spacer for BCL (100V Series) BCLﾖｳｽﾍﾟｰｻｰ
6	XBPSD30P08K00	541 970 0014	AA	DD		C	Screw (3×8S) ﾋﾞｽ
7	LBNDJ0013FCZ1	572 201 0118	AA	DJ		C	Band ﾊﾞﾝﾄﾞ
8	LSUPP0109FCZZ	572 233 0127	AC	DJ		C	Spacer ｽﾍﾟｰｻｰ
9	LPLTM5950FCZZ	578 221 0686	AN	EG	N	C	PRT power supply fixing plate PRT電源押えﾌﾟﾚｰﾄ
10	CPWBN1512FC51	572 684 3841	BK	HC	N	E	PRT power supply relay PWB (100V Series) PRTﾃﾞﾝｹﾞﾝﾘﾚｰ基板
	CPWBN1512FC52	572 684 3842	BL	HG	N	E	PRT power supply relay PWB (200V Series) PRTﾃﾞﾝｹﾞﾝﾘﾚｰ基板
11	LSUPP0086FCZZ	572 233 0116	AB	DJ		C	Supporter (LCBS-6) ｻﾎﾟｰﾀｰ

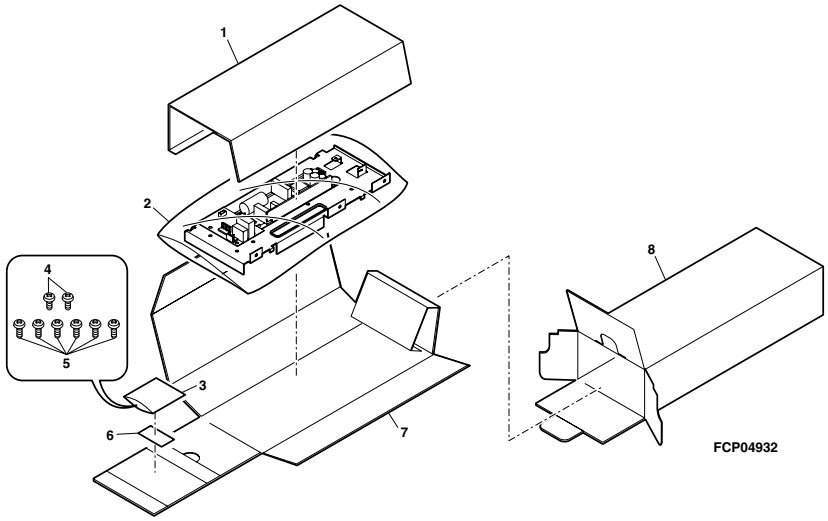
1 電源ﾕﾆｯﾄ(Power supply unit)



2 梱包&付属品(Packing Material & Accessories)

NO.	PARTS CODE	JAPAN ONLY ORDER CODE	PRICE RANK Ex.	PRICE RANK Ja.	NEW MARK	PART RANK	DESCRIPTION
1	SPAKA6200FCZZ	578 902 0308	AE	DS	N	D	Spacer B ｽﾍﾟｰｻｰB
2	SPAKA399ACCZZ	505 902 5004	AB	DD		D	Vinyl bag ﾎﾟﾘ袋
3	SSAKA0006UCZZ	541 906 1016	AA	DD		D	Vinyl bag (50×60) ﾎﾟﾘ袋
4	XHBSD40P08000	578 970 0074	AA	DD		C	Screw (4×8) ﾋﾞｽ
5	XBBSE40P10000	572 970 0641	AA	DD		C	Screw (4×10) ﾋﾞｽ
6	TLABZ4173FCZZ	572 917 3365	AG	DX		D	Caution label (Europe,U.kingdom,Australia,Newzealand) 注意ﾗﾍﾞﾙ
7	SPAKA6199FCZZ	578 902 0307	AL	EB	N	D	Spacer A ｽﾍﾟｰｻｰA
8	SPAKC6198FCZZ	578 901 0544	AM	EG	N	D	Packing case (JAPAN) ﾊﾟｯｷﾝｸﾞｹｰｽ
	SPAKC6198FC11	578 901 0545	AM	EG	N	D	Packing case (U.S.A/CANADA) ﾊﾟｯｷﾝｸﾞｹｰｽ
	SPAKC6198FC12	578 901 0546	AM	EG	N	D	Packing case (Other countries) ﾊﾟｯｷﾝｸﾞｹｰｽ

2 梱包&付属品(Packing Material & Accessories)



CAUTION FOR BATTERY REPLACEMENT

(Danish) ADVARSEL !

Lithiumbatteri – Eksplosionsfare ved fejlagtig håndtering.
Udskiftning må kun ske med batteri
af samme fabrikat og type.
Levér det brugte batteri tilbage til leverandoren.

(English) Caution !

Danger of explosion if battery is incorrectly replaced.
Replace only with the same or equivalent type
recommended by the manufacturer.

"BATTERY DISPOSAL"
CONTAINS MANGANESE DIOXIDE LITHIUM BATTERY
MUST BE DISPOSED OF PROPERLY.
REMOVE THE BATTERY FROM THE PRODUCT AND
CONTACT FEDERAL OR STATE ENVIRONMENTAL
AGENCIES FOR INFORMATION ON RECYCLING
AND DISPOSAL OPTIONS.

"BATTERY DISPOSAL"
CONTAINS LITHIUM-ION BATTERY.
MUST BE DISPOSED OF PROPERLY.
REMOVE THE BATTERY FROM THE PRODUCT AND
CONTACT FEDERAL OR STATE ENVIRONMENTAL
AGENCIES FOR INFORMATION ON RECYCLING
AND DISPOSAL OPTIONS.

(Finnish) VAROITUS

Paristo voi räjähtää, jos se on virheellisesti asennettu.
Vaihda paristo ainoastaan laitevalmistajan suosittelemaan
tyyppiin. Hävitä käytetty paristo valmistajan ohjeiden
mukaisesti.

(French) ATTENTION

Il y a danger d'explosion s' il y a remplacement incorrect
de la batterie. Remplacer uniquement avec une batterie du
même type ou d'un type équivalent recommandé par
le constructeur.
Mettre au rebut les batteries usagées conformément aux
instructions du fabricant.

(Swedish) VARNING

Explosionsfara vid felaktigt batteribyte.
Använd samma batterityp eller en ekvivalent
typ som rekommenderas av apparattillverkaren.
Kassera använt batteri enligt fabrikantens
instruktion.

(German) Achtung

Explosionsgefahr bei Verwendung inkorrekter Batterien.
Als Ersatzbatterien dürfen nur Batterien vom gleichen Typ oder
vom Hersteller empfohlene Batterien verwendet werden.
Entsorgung der gebrauchten Batterien nur nach den vom
Hersteller angegebenen Anweisungen.

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